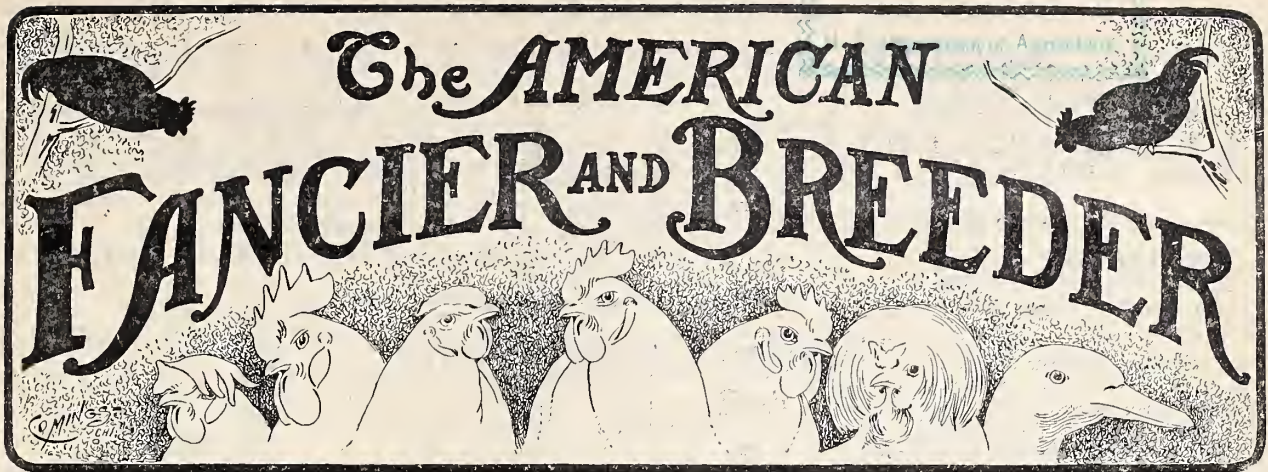


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The AMERICAN FANCIER AND BREEDER



Vol. 20.

De Kalb, Illinois, December, 1903.

No. 12.



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The American FANCIER and BREEDER.

A MONTHLY MAGAZINE DEVOTED TO POULTRY CULTURE.

Vol. 20.

DE KALB, ILLINOIS, DECEMBER, 1903.

No. 12.

POULTRY HOUSES.

We will not advise that a poultry house be lathed and plastered because it would not be received with favor as it adds to the expense of the house. We are often asked by readers "Which is the best poultry?" We make a reply like the above but we are met with the fact that the first consideration is the cost. Poultry houses are not usually lathed and plastered yet there is no better way of preventing lice and keeping out the cold draughts in winter. It is certainly more expensive than a plain boarded house, yet the hens will be warmer and more eggs will be secured. A house that will keep the hen in winter is the cheapest one and may be built in the plainest style. For a dozen hens, a house seven feet high at the front and five feet in the rear, ten feet square, plastered inside, with tarred paper, is as practical as one more expensive.

Too many mistakes are made in building the poultry house, and there is much advice given on the subject, which should not be followed. Each individual who builds a poultry house looks to the cost of the house more than to the requirements of the hens. In addition to warmth the house should be light. Of course plenty of light adds to the cost, and windows are omitted, only one small window being used. It has been said that too much glass causes loss of warmth by radiation, and while there is indeed a loss of warmth at night, yet there is more than a corresponding absorption of warmth during the day.

The matter of warmth in the poultry house should be secondary to that of light. The reason is that the hens detest a gloomy house and prefer plenty of light. They will voluntarily shiver in the cold outside rather than to remain in a large and gloomy house. When the poultry house has several large windows and the interior is light and cheerful, the hens will remain in it and be warm. It is more profitable, therefore, to expend an extra sum for window sash, as the number of eggs will be increased from the better quarters and greater warmth during the day. When on the roost at night, and the birds are close together, they will suffer very little from any loss of heat by radiation, while during the day the sunlight will come streaming in. There should be at least two windows, one on the south side and one on the west. It is also better for the house to face southeast rather than south, as it gets the warmth early in the morning.

Even the chicks in the brooders show

their partiality for light. The desire for light seems to be an instinct in both young and old. Chicks refuse to go under the brooders because they are gloomy and dark. We have noticed them herded together in a corner, rather than go under the brooder. Acting on this hint from the chicks, experienced incubator operators have their brooders in warm, light houses, keep them warm, and at the same time admit as much light under the brooders as possible.

How about the Mash.

It is the opinion of many poultry raisers of experience that to feed a "mash" to grow ing chickens or laying hens is not only unnecessary, but detrimental. Individually I am a close observer of chicken life and I have killed many a bird in my time that was hearty and excellent health that I have found on extracting the craw was really doomed to die from the fact that it had in its craw a lot of straw all done up in a wad that never could and never would have passed into the gizzard. When chickens have soft food they do not eat straw; this I have found out, to my intense satisfaction. In my own experience I often chop apple peelings for my birds. If I chop cabbage with them and throw them out in the boxes, if the chopping be done very fine, they will "lick the platter clean." But if the apples be cut alone they will leave some. If I mix them with bran, even though it be dry, they will eat every vestige of the green stuff. If then I mix it up with water they will eat bran and all, and beg for more. Some people claim that it makes no difference in the results as to whether the mash be given at night or in the morning; but to my mind it makes a whole lot of difference. It is my opinion that soft feed keeps the birds healthy when it is composed of the proper ingredients, but to have the best results they should eat a lot of it. To give them much soft feed in the morning makes the birds lazy; but give them just enough grain to keep them scratching during the day, and at night they can eat a good hearty meal to good advantage. If this then be more than half vegetables, the results are sure to be satisfactory; if the mash be mixed up with hot water and if it be fed warm it will be eaten with much better relish than when it is fed cold.—W. P. J.

Fowls and Orchards.

Some orchards are not protected from by the fowls, due to the fact that there are but

few fowls, or because of the abundance of grass seeds and insects as well as an extra-large foraging-surface. But fowls, can, and will, protect trees if they are kept under proper condition. If confined on limited areas around the trees (about one hundred hens to an acre), with changeable yards, the destruct of insects by poultry can be relied upon; but if the fowls are on a range they do not give so much attention to trees. On some where peaches and plums could not be grown, success came when such trees were planted in the poultry-yard. Birds closely search every portion of the yards and the trunks of the trees for bugs and worms, and instinct prompts certain moths not to deposit their eggs where fowls have free access as to do is certain destruction. This claim may be found but it is well to know that fowls greatly assist in protecting fruit-trees. Poultry will pick any green plant or sprout that comes early in the year if they have been deprived of green food during the winter period, and this propensity has made it appear as though fowls did great damage in the gardens. As soon as grass becomes plentiful the hens may be allowed to run at large in the gardens and orchards, and they will do little or no damage to plants but will perform excellent service in seeking insects, worms, etc., not only in rows of vegetables, but also among the vine trees. It is true that when young plants are just coming through the ground, and are juicy and tender, the hens will eat some of them, but as soon as the leaves become tough the preference will be for young weeds and grass, while bugs and worms are always preferred by them.—Ex.

Too Many in One Nest.

When the hens seem to have a partiality for one nest, and two or three resort to the same place, and crowd, the best remedy is to close that nest entirely, thus compelling the hens to seek new localities for laying, and in so doing they will scatter; but it should be done only after a sufficiency of nests has been provided elsewhere, so that each hen can be accommodated and not be compelled to crowd her companions.

Chopped turnips, raw or cooked, are good for fowls. They relish them and they answer well for a change.

About once a month, rub the chickens' legs with an ointment made of sweet oil, three ounces; sulphur, one ounce; carbolic acid fifteen drops, to prevent scale and keep their legs smooth.

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stock to be had. Will sell cheap if taken now.
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The Winter Layers.

"Which is the breed for winter?" is one
of the inquiries. While all desire the best
winter layers, they are not satisfied to stop
there, for their wishes extend further, as the
flocks that give good results in winter is ex-
pected to do the same in summer.

If all who keep poultry would consider
the value of each breed for the purposes to
which it is adapted, there would be more
satisfaction in keeping hens. Unless some
breed can be obtained known as the "bes-
t-all-around breed," it will be difficult to ad-
vocate the advantages of special breeds.
The fact is, however, that any breed will
lay in winter if it is kept under proper con-
ditions for so doing. When one can give
summer treatment in winter the hens will
lay. It is true that eggs are high in winter
and a goodly supply of them will add large-
ly to the receipts, but if hens laid as many
eggs in winter as they do in summer, the
prices would be lower. It is plain that as
the winter layers require more care and at-
tention, and all the food must be supplied,
the cost of eggs is greater in the cold season.

The Light Brahma is an excellent winter
layer if not overfed but it cannot compete
with the Leghorn in summer, and it may be
mentioned that even the Leghorn will give
good results in winter if kept under proper
conditions. Warm quarters, grain, animal
food and a supply of bulky material will ac-
complish the result, provided that judgement
is exercised in the mode of feeding and
managing.

No one can safely advise another on the
best mode of management, as the daily ob-
servation of the flock will enable one to
know more in regard to their wants than
others can inform. The first thing to do in
order to have winter layers is to cull out the
inferior stock. No hen will be able to en-
dure a severe winter unless she is in full
health and vigor. The flock must have
room for exercise. They will not thrive if
too large a number is kept on a small area.
The scratching place is of more consequence
than the food, and warm quarters must be
provided, or the food will be wasted so far
as producing eggs is concerned.

A Few Hens

In every city, town, and village through-
out the country, thousands of mechanics and
labors are living from hand to mouth, by a
little exertion, benefit themselves by mak-
ing the breeding of poultry an auxiliary of
their pursuits. As the countries grow old
and the rich become richer and the poor be-
come poorer. The poor man's lot is about
the same everywhere, but much of his pov-
erty is due to want of economy, or rather
the neglect of providing the ways and means
of maintaining himself and family from
being dependent on his daily wages.

There is no kind of domestic stock that
offer the poor man better inducement than
poultry. With the aid of a cow, a flock of
hens will almost purchase all of the substan-

tial necessities for the table. Milk indis-
pensable in a family particularly where there
are children. It really a self evident sign of
shiftlessness to see a poor man's home with-
out poultry.

Few, if living outside the crowded pre-
cincts of the cities but what can raise at
least a few fowls. Their keeping will not
cost much for in most places they may
be allowed their freedom at least a portion
of the time without danger of trouble or
mischief and and their product from one
season to another will be a great saving in
in the home expenses, besides the pleasure
and satisfaction of having your own fresh
eggs and your broilers and roasters when
you want them.

Now dear reader, do not depend too much
upon those God-given brawny arms of yours.
Do not forget that it is economy and good
management that leads to wealth, do not
forget that dozen eggs from your hen means
a saving of from 20 to 40 cents. Suppose
you can keep a few hens and clear or save
\$50 from them in a year. You have a start
that will be a great assistance to you.

Try it. Clean up that back lot, build
you a good, dry, cheap hen house. Get
you \$10 worth of stock to start with and
buy the best you can find without paying
for breeder's reputation. Keep books on
them and give them careful attention for one
year and you will find that in that year
you have saved many days' labor, besides
having a continual source of pleasure in
your feathered friends.—In This For That
W. H. ROOSE.

Room on the Floor.

Most persons estimate the capacity of
their poultry houses by the number of fowls
that can be accommodated on the roosts.
If there is enough roosting room to keep
thirty hens in one house and allow sufficient
space for the attendant or owner to move
about in the house crowding is permitted
because the birds can be accommodated at
night. The simple matter of roosting is the
least that the fowl has to contend with. It
is the space on the floor of the poultry house
to which the number should be adapted.
The floor is the workshop of the hens, upon
which they scratch, and they must have
ample opportunity for exercise and enjoy-
ment. A house 10x10 feet is not too large
for a dozen fowls. More fowls may be
kept in a house of such size but they will
not prove as profitable as a smaller lot of
hens that have plenty of room. In the win-
ter the hens cannot forage or go outside
during a great part of the season, and they
must have as much room on the floor as
possible in order to thrive.

DRY EARTH.—You should not undertake
to raise chickens or to keep poultry through
the winter and spring, without a free supply
of dry earth. The best time to store it is
whenever it is dry.

Subscribe for the FANCIER & BREEDER.

Chickens on the Farm.

Why every farmer does not fence in his garden and yard, and turn the rest of the place over to chickens is something I can not understand.

So many farmers take no interest in poultry whatever, and it is surprising how many farms lack a good flock of chickens.

Whether you farm on a limited number of acres, or whether extensively it seems to me in either instance poultry would be a great financial profit, as well as a source of pleasure.

Raising poultry may be made a distinct line of business in itself; but, very fortunately, it can be made a paying branch in connection with other things. And nowhere are there better advantages than on a farm.

The expense of buildings and fences necessary to raise poultry properly is no greater in the long run than the old way of letting them roost any and everywhere. A good breed of chickens well kept is worth twice that number of scrubs poorly kept.

Build a nice warm hen-house. It need not be expensive, but let it be modern enough to contain windows and a scratching shed attached for use in winter. Give the hens a clean, well-ventilated place to roost, and clean nests, free from vermin and then buy a standard-bred variety and I believe your reward will be forthcoming.

Give the hens the benefit of the plowed ground, the grain-fields, and the orchard. Let them pick up after the feeders. Give them plenty of fresh water and their living is complete.

There is nothing adds more to the completeness of a well regulated farm than a handsome flock of birds. It isn't necessary to have them in the yard, on the doorstep, or eating up the garden. Reserve this much for your own pleasure. But aside from this, let them have free range all over the place. Then too, poultry might be considered an economical addition to any farm if you consider the waste grain and fruit they pick up to say nothing of the weedseed and insects that they devour. The droppings are an excellent fertilizer.

The Rocks, the Wyandottes, and the Langshans are good all-purpose fowls, good varieties for the farm, being egg-producers excellent foragers, and maturing rapidly. My own choice is the White Wyandotte, but of course every one according to his own taste.

Now if the farmer himself, or his good wife, have neither the time nor the inclination to devote much attention to poultry, why not shift a part of the profit, as well as the work, upon the growing boy or girl? This will afford an excellent opportunity for the development of business principles, responsibility and good exercise.

Take one or two good poultry papers, keep up with the times yourself and be able to assist and advise whenever the boy or girl becomes discouraged or needs counsel. American Poultry Journal.

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For each estimate you send in accompanied by the correct amount of money, a separate engraved and coupon numbered Certificate, issued by The World's Fair Contest Co., St. Louis, Mo., will be sent you with your estimate shown thereon. These certificates to be retained by you until the close of contest. YOU HOLD YOUR OWN CERTIFICATES. Get in your estimates early, as \$15,500 extra is to be divided among the earliest estimates received.

HOW THE CONTEST WILL BE DECIDED.—The Official Record of the Secretary of the World's Fair showing the total paid attendance will determine who are entitled to the prizes, and the awards will be made by a committee of prominent Judges. Prizes will be paid in cash immediately after. If more than one estimate is correct, the prize will be equally divided.

In addition to the \$25,000.00 prize, there is \$15,500.00 EXTRA prize money for the earliest correct estimates, so that you may win \$30,500.00 on an investment of 25 cents if you send in your estimates at once. Don't lay this aside intending to send in your estimate to-morrow. You may forget and thereby lose an extra \$15,500.00. Do it now.

CERTIFICATES AND HOW TO GET THEM.—One certificate will be sent for 25 cents. Five certificates for \$1.00. You can estimate as often as you wish. Bear in mind—you must send in your estimates and money for same before we can issue and send you certificates. We fill out the certificates inscribing on a separate engraved, coupon numbered certificate, each estimate made by you. We then mail you the certificates. If you send One Dollar for five certificates, be sure and send five estimates.

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American Fancier and Breeder Publishing Co., DeKalb, Ill.

A contributor asks the publication of an article on the ground that it says some things necessary to set us right with some people who misunderstood our position on a certain question. While appreciating the interest in our personal relations to the poultry

public, we fail to see the case as a necessity. Editors generally get used to being misunderstood, and on this particular question we don't see any excuse for any intelligent person misunderstanding opinions plainly stated many times.—FARM POULTRY.

The AMERICAN FANCIER and BREEDER

Published the 15th of each month.

By The AMERICAN FANCIER and BREEDER PUB., CO.

DE KALB, ILL., DECEMBER, 1903.

Subscription Price.—25 Cents per year in advance. Single copies 3 cts. Subscriptions can commence with any month.

Advertisements in the AMERICAN FANCIER & BREEDER must be paid for in advance. The low price at which they are inserted makes it impossible to do otherwise.

We invite Correspondence on all subjects pertaining to poultry keeping. Send in your experience.

Entered at the postoffice at De Kalb, Illinois, as second class matter.

ADVERTISING RATES.

ONE INSERTION 10 CENTS PER AGATE LINE.

YEARLY RATE 5 CENTS PER AGATE LINE.

(14 lines to an inch, single column.)

Reading Notice 15 cts. Per line.

No Advertisement accepted for less than \$1

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This notice marked denotes that your subscription has expired. Please renew your subscription for another year.

As Mr. E. W. Andrews was obliged to leave Syracuse, to go into other business, his office as Secretary of the Central New York Fanciers' Association was declared vacant, and Mr. Geo. A. Hodgkins was elected secretary in his place, and all communications regarding the Syracuse Poultry Show to be held Feb. 8-13 1904, should be addressed to him at 915 South Salina St., as he has bought out the poultry supply business formerly conducted by Mr. Andrews. Arrangements have been made to hold the show at the State Armory and will be coopered by the Nit Cooping Co., of Norwich, N. Y., using cooping. Ab. A. Leve, 507 Grape St., has been elected Pigeon Superintendent for the show. Judges, J. H. Drevenstedt, W. C. Stanton, H. P. Schwab, A. N. Fay, H. J. Foxton.

ST. JOSEPH'S FIRST ANNUAL POULTRY SHOW.

It affords us no little pleasure to announce through these columns the fact that such well-known gentlemen as Lon Hardman, Ike Stone, A. F. Faulhaber, L. E. Altwein, G. C. Cudler and other have gone to work to interest the fraternity and the public generally in the importance of holding a Poultry Show at St. Joseph in December. These gentlemen are in the main fanciers of reputation and compose the official staff of the St. Joseph Poultry Association recently or-

The Remington

“For good work, quick work, easy work, and all kinds of work, give me the Remington,” says the experienced operator.

REMINGTON Typewriter Co.
327 Broadway, New York



The Remington

ganized, and from their experience and good standing have every reason to expect the hearty support of all persons at all interested in Poultry and its allied interests. We are informed by Mr. Hardman, President of the association, that greatly reduced rates on all railroads is assured. It is safe to say that space and accommodations will be provided all who bring or send birds here, and the first annual Show bids fair to surpass anything of the kind ever held west of St. Louis.

A call on Mr. L. E. Altwein, Secretary, elicited the fact that circulars are being sent broad cast to breeders and others to be followed by a complete premium list, and we earnestly trust every breeder and person who likes to see fine birds and desires to select from the best to be had to improve their stock, etc., will not forget St. Joseph's Poultry Show, to be held December 23 to 29.

Let every reader of his magazine appoint himself a committee of one to herald the news, and secure the promise of as many as possible to arrange to attend.

THE POPE BICYCLE DAILY MEMORANDA CALENDAR.

The re-issue of the Pope bicycle daily-leaf calendar may be considered the opening gun proclaiming the natural and healthful return of bicycling. Col. Albert A. Pope, the founder of our bicycle industries and the pioneer in the Good Roads Movement, is again at the head of the bicycle industry. Upon the 366 calendar leaves are freshly written lines, from the pens of our greatest college presidents, doctors, clergymen, statesmen, and other eminent men and women, all of them enthusiastically support-

ing bicycling. Half of each leaf is blank for memoranda. This calendar is free at the Pope Manufacturing Company's stores, or any of our readers can obtain it by sending five 2-cent stamps to the Pope Manufacturing Co., Hartford, Conn., or 143 Sigel Street, Chicago, Ill.

Notice the advertisement for the Children's Table in this issue. It would make a nice christmas present for any child.

NEW INVENTIONS.

Reported especially for this paper by H. B. Wilson & Co., Patent Attorneys, 8th and F Sts. N. W., Washington, D. C.

A Complete Copy of any of these patents will be forwarded to any person by Messrs. Wilson & Co., on receipt of ten cents. Persons ordering Copies must give number of patent.

742,033 Hot water heating system for incubators, Manander M. Johnson, Clay Center, Neb.

742699 Roost, Chas. H. Mattox, Baker City, Oregon.

742969 Apparatus for Automatically Feeding poultry or other creatures, Edward Clapp, Montague, Mass.

743474 Egg Separator. Wm. D. Everett, Mt. Carmel, Pa.

743581 Hatching and Brooding Body. Adolph O. Sossna, near Bowie, Montague Co. Texas.

743592 Machine for Picking Poultry. Francis & B. E. Terwilleger, Brookhaven, N. Y.

744,781 Apparatus for destroying vermin on poultry, birds, etc. Lucius T. Mills, Ionia Mich.

744,827 Folding coop for poultry Wm. H. Warner, Jr. Allegan, Mich.

Mining Notes.

The Alaska-Treadwell gold mine, with ore running less than \$3.00 a ton, has paid \$3,995,000 in dividends.

A few years ago quartz mines that would not yield \$50 to the ton were considered not worth working. But with the improved methods of extracting ore quartz that will pay \$3 a ton is now held to be profitable. So much for the advance of science.

Mining investment is simple as buying a peck of potatoes. Nobody buys potatoes on the grocery man's say so. So nobody ought to believe every thing they see in a prospectus or a circular. Find out if the opinions of the experts are genuine. Find out if the so-called experts are real or make believe experts. Then find out if the company has the property it advertises. This process takes some time and may cost a few dollars, but it will save you tens and mayhaps hundreds of dollars in the long run. Mining stocks based on good properties located and worked by competent men are the best investments in the world today. There are hundreds of mines now selling stocks which will yield much larger returns and quicker returns than an investment in any other imaginable security and is less liable to fluctuations for the reason that a mine once developed will last for a great many years, even if the original supply of quartz or sand is not augmented.

Those with money to invest could do no better, in our opinion they could not do as well, in any department of industry than buying mining stocks and by this we mean the securities of reputable companies whose capital is based on tangible, actual assets, and these assets, if they exist, are always easily discoverable.

AN INTERESTING LETTER
RECENTLY RECEIVED by the firm
of Douglas Lacey & Co.

"Two years ago I purchased from your firm, for the sum of \$3,000, 40,000 shares of the stock of the Aurora Consolidated Mining Co., taking the certificates in the names of my wife, my two daughters and myself.

Since that time we have received in dividend \$1,800, and last week, owing to a heavy financial loss, I found myself compelled to raise funds immediately to protect my business.

In looking over the various papers and securities in my possession, to find what I could realize on quickly without a serious loss—and I could ill afford to make any sacrifice at this time—in communication with my broker, I found that our Aurora stock and received a certified check for \$8,600. By adding the \$1,800 of dividends to this, we have a profit of \$7,400 on our investment of \$3,000 in less than two years—and this stock was the means of saving our business from bankruptcy.

It is unnecessary to say that we wish you continued success with your various enterprises, and can assure you of our good will and support."

Poultry with the Farmer.

I doubt if there is anything on the farm that gets so little amount return as the poultry. Now the time is close at hand when the cold blasts will strike through the cracks knot-holes and broken windows, and to close these up should be one of the first things done. A nearby farmer tells me that never in the thirty years that he has farmed it, has he given poultry the least mite of attention, until within three years. He has just allowed them the run of the premises and given them no care, except in a slipshod sort of a way, and while kept in this manner he found them the biggest nuisance on the place, but within the past few years they have been given good care, in the way of a new hen house, feeding at regular time, cleaning out the "scrubs," and giving as nearly as possible, food that will bring about the purpose in view. Fifty hens now bring in more money than one hundred did under the old plan of shiftless care taking. In the first place I believe it is useless for the farmer to undertake to keep fowls unless he takes an interest in them and can look upon them as one of the necessities of the farm. The feed for fifty hens on the farm during summer amounts to but little. The waste on the premises, insects, worms and clover will bring eggs most all summer, but when fall approaches and things begin to freeze up, then it is quite another matter. No use to expect eggs in cold weather without good system of feeding and proper housing.

Fine cut clover hay I believe is one of the best winter egg producing foods. It is cheap and easily prepared. By cutting it in the morning and pouring boiling water over it, and then let it stand until night and mix in ground feed and a little salt, an excellent feed is made. In quite cold weather we cut at night and feed in the morning warm, but in moderate weather we prefer to feed at night, then the hens come off the roost hungry and ready to go to work and scratch the grain out of the litter, which is scattered around by an "automatic feeder." Bulky foods like clover have a tendency to aid digestion and furnish material for the eggs. On cold nights corn is a good feed, but during the day I think other kinds of grain are better. Milk is a great help in securing the high priced eggs that the poultryman is looking for now. To a great extent milk takes the place of meat, which is sometimes hard for the farmer to procure. I believe that fifty hens is about the right number for the farm. A flock of this size can generally be allowed their liberty, while if many more are kept they must be confined, and as a rule I find that the hens that are shut up on the farm do not get the required attention to make them profitable.—Ex.

The Childrens Table.



Size 18x24. 18 inches High Strong & Durable. Money refunded if not as represented. Price \$1.25.

NEWAYGO NOVELTY CO.,
Newaygo, Mich.

FREE 100 Magazines & Papers

We have been commissioned by over 1000 Editors, Publishers; etc., to send out SAMPLE COPIES of various Magazines, Books, Newspapers, etc., and send same to every applicant sending us 15 cents (stamps or silver) to help pay postage.

**The Canadian, United States & British Subscription Agency,
Halifax, N. S., Canada.**

\$10 Buys a 200 Egg Perfect Hatcher and Brooder, Test & Illustrated Cir 2c.
J. A. Chelton, Fairmount, Md.

200-EGG INCUBATOR \$12.80

This perfect 200-egg Wooden Hen at \$12.80 is a startling trade innovation. It will do the work of the most costly hatcher, and always keeps in order. Hatches every fertile egg. Catalogue with fourteen colored views sent free.
GEO. H. STAHL, Quincy, Ill.

BREEDERS CARDS.

CARDS of 30 words or less, in card column,
1 insertion 50 cents, 3 insertions \$1.00,
6 insertions \$1.75, 12 insertions \$3.00.
Cards with small illustration, of 20 words or less at the above rates. Over this number of words in plain or illustrated cards, 2 cents for each extra word. All cards must be paid for in advance.

CHICKENS, Ducks, Geese, Turkeys, Guinea Pigs, Rats, Mice, Dogs, Cats, Ring Doves. Eggs for hatching State wants.
Wm. A. Bartlett, Box 34, Jacksonville, Ill.

Poultry Breeders send 50c for a 20-paged monthly devoted to poultry, etc. Sample 3 cents "Michigan Poultry Breeder," Battle Creek, Mich. Or send 55 cents, and receive Michigan Poultry Breeder," and THE AMERICAN FANCIER & BREEDER both 1 year.

PIGEON Book, illustrating, describing all varieties, arranging loft, feeding, breeding, caring for, 5 cents. 1,000 Pigeons for sale, prices sent free. Wm. Bartlett & Co., Box 34, Jacksonville, Ill.

EXPRESS PREPAID. WHITE WYANDOTTE Specialist. Exclusive business, stock and eggs in Season. Entire satisfaction guaranteed or you money back. Circular free. Arthur F. Hartman, Box 163, Nappanee, Ind.

BUFF WYANDOTTES AND BUFF Leghorns. Eggs from first-prize stock at Erie, Painsville and Warren at \$1.50 per 15. Geo. Sapper, 154 E. 21 St., Erie, Pa. R. 2.

OIL = SMELTER = MINES !

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DOUGLAS, LACEY & CO.,

BANKERS AND BROKERS.

Willard & Yates, Managers,

Suite 518 New York Life Bldg.

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DIVIDEND PAYING

❖ MINING, OIL AND SMELTER STOCKS. ❖

We have demonstrated by our methods that an investment can be made in mining shares, just as safely as in any other line of business, and with far better returns. We are offering only the stocks of the various companies for which we act as Fiscal Agents.

Most of these stocks are now steady dividend payers, equalling from 9 to 15 per cent annual interest upon the investment, payable quarterly. Many of them pay a much higher rate where the stocks were bought upon the first offering.

Our clientele is largely a conservative line of investors who have confidence in our indorsement and recommendation of any investment and conservative business methods.

We have now nearly 10,000 regular customers throughout this country and the Dominion, and we have yet to know of a single one of them that is dissatisfied. Our plan is a perfect guarantee to an investor and our feature of combination places an investment, as we believe, beyond any possible chance of loss.

When we have placed with our customers the amount of treasury stock of any company necessary for its development, our labors and responsibilities have but just begun.

We must stay with the property and our customers' financial interests therein; must see that it is intelligently, economically and honestly operated; and, having a conditional interest in the profits of the property, secondary to the interests of our customers, if we followed any other policy than that of keeping strict supervision of its management, even although it might take a much longer time than was anticipated to demonstrate the actual value of the property and place it upon an independent dividend-earning basis, we would most assuredly be negligent not only of our customers' interest, but of our own as well.

The following remark recently made regarding our firm by one of the well-known financiers of New York was both flattering and appreciated, for it expressed what we are striving for:

"DOUGLAS, LACEY & COMPANY HAVE SUCCEEDED BY THEIR BUSINESS-LIKE METHODS IN MAKING MINING INVESTMENTS RESPECTABLE AS THEY SHOULD BE"

Booklets giving our successful plan for realizing the large interest and profits of legitimate Mining, Oil and Smelter Investments, subscription blanks, full particulars, etc., sent free on application to all who mention this Journal.

Address all communications to

❖ WILLARD & YATES, ❖

171 La Salle Street.

CHICAGO, ILL.

Show Dates, 1903-4.

This list of shows is, as far as we know, complete. If some are omitted we will be glad to have the secretaries inform us. All dates will be kept standing until the show occurs.

Dec. 8-10—Milford, Mass. Judges, Lambert, Atherton, Watson. W. H. Pyne, sec.

Dec. 8-11—Aurora, Ill. Judge, Rapp. J. F. Rolfe, sec.

Dec. 8-12—Jamestown, N. Y. Judge, Burcott. J. W. Morris, secretary.

Dec. 8-12—Yorkville Ill. Judge, Tucker A. S. Tarbox, sec.

Dec. 9-14—Hamilton, O. C. W. Larsh, sec.

Dec. 9-12—Shreveport, La. Louis Bruegerhoff, sec.

Dec. 10-12—Plymouth, Mass. Judges, Atherton, Smith, Ballou, E. R. Beaman, sec.

Dec. 10-12—Rutherford, N. J. Judges, Staunton and Yelton. H. Kretzler, sec.

Dec. 10-14—San Antonio, Texas. W. A. Springall, sec.

Dec. 10-13—Litchfield, Ill. W. S. Chamberlain, sec.

Dec. 14-18—McComb, Ill. Judge, McClave. F. L. Yetter, sec.

Dec. 14-19—Circleville, O. Judge, Hewes. G. R. Haswell, secretary.

Dec. 14-19—Maquota, Ia. Judge, Warnock F. T. Johnson, sec.

Dec. 14-19—Hoopeston, Ill. Judge, Taylor, E. Erickson, sec.

Dec. 14-18—Mason City, Ia. Judge, Shaner. S. V. Johns, sec.

Dec. 14-19—Detroit, Mich. Judges, Butterfield, Rigg. S. Z. Harroun, sec., 28 Sycamore street.

Dec. 14-19—Evansville, Ind. D. T. MacClement, sec., 1024 Powell avenue.

Dec. 14-19—Kankakee, Ill. Judge, Heimlich. E. P. Vining, sec Hospital, Ill.

Dec. 14-18—Ottawa Can. Judge, Butterfield. Geo. Fritz, sec.

Dec. 15-17—West Brookfield, Mass. Judge, Ballou. E. L. Richardson, sec.

Dec. 15-18—Niles, Ill. Judge, Herbster. F. Honold, sec.

Dec. 15-17—Bristol, Vt. G. S. Farr, sec.

Dec. 15-17—Falmouth, Mass. Judges Stevens and Fletcher. E. P. Davis, sec.

Dec. 15-18—Fitchburg, Mass. Judges, Hawkins, Ball. I. C. Greene, sec., Leominster, Mass.

Dec. 16 19—Rochester, Minn. Louis E. Nietz, secretary.

Dec. 15-19—Hazleton, Pa. Judges, Brown and Eckert. J. E. Anderson, secretary.

Dec. 15-18—Uricksville, O. Judges, Keller and Fell. R. K. Furbay, sec.

Dec. 16-18—Freeport Me. Judges Hawkins and Shove. Geo. P. Coffin sec.

Dec. 16-18—Newburyport, Mass. Judges, Flanders, Smith, Ball, Craft, Goodwin. H. M. Sands, sec. Amesbury Mass.

Dec. 16-18—West Haven, Conn. Judges, Lambert and Atherton. E. J. Crawford, sec.

Dec. 16-18—Kingston, N. Y. F. E. Miller, sec. Rifton, N. Y.

Dec. 16-19—Fresno, Cal. G. R. Andrews, secretary.

Feb 22-27—Pittsburg, Pa J C Moore, secretary. 1119 Penn Avenue.

Dec. 17-20—Earlham, Ia. Judge, Southard. W. H. Monroe, secretary.

Dec. 17-19—Hackensack. N. J. Geo. Mahe secretary.

Dec. 21- 24—Aumeston, Ia, Judge. Russel George King, secretary.

Dec. 22-25—Redfield, Ia. Judge, Warnock L. J. Ober, secretary.

Dec. 27-31—Nortonville, Kas. Judge, Rhodes. C. D. Stillman, secretary.

Dec. 23-29—St. Joseph, Mo. Judge, Shell-abarger. L. E. Altwem, secretary.

Dec. 23-25—North Abingdon, Mass. Jno F. Hollis, secretary.

Dec. 28-Jan. 1—Holland, Mich. Judge, Myers. L. S. Sprietma, secretary.

Dec. 28-Jan. 2—Lanark, Ill. Judge, Shell-aberger. E. S. Leland, secretary.

Dec. 29-30—Elsberry, Mo. Judge, Shaner. Otto R. Cannon, secretary.

Dec. 28-Jan. 2—Dayton, O. Judges, Keller, Lane, Dunn, J. C. Ely, secretary.

Dec. 29-Jan. 1—Meriden, Conn. J. P. Shute, secretary.

Dec. 29 Jan. 1—High Point, N. C. Judges Brown and Myers. J. L. Thompson, sec.

Dec. 29-Jan. 1—Wallingford, Conn. Judges, Drevenstedt, Nichols, Lambert, Saylor, Crowther. H. H. Haywood, secretary.

Dec. 29 Jan. 2—Lititz, Pa. Judges, Bean and Temple. J. W. Bucknaat, secretary.

Dec. 31—Jan. 4—Fremont, Neb. Judge, Felch. W. H. Haven, secretary.

Dec. 30—Jan. 1—Georgetown, O Judge, Tucker. G C Hall, sec

Dec. 22-26—Waterloo, Ind J E Dilgard, secretary

Dec. 29-Jan 1 Fostoria, O Judge Greer Chas. Mann, secretary

Dec. 20-Jan 1—Manchester, N H F H Balch secretary.

Jan. 4-8—Olney, Ill Judge Heimlich E E Dalton, secretary

Jan. 4-6—New York City Compldte corps of judges as usual H V Crawford, secretary. Montclair, N J

Jan. 4-9—Wichita, Kas. Judge Felch H W Schoff, secretary

Jan. 4-11—Milwaukee, Wis Judges, Burcott and Morgaridge W A Hackbarth secretary, 166 Wyoming place

Jan. 5-8—Lewiston Me Judges, Hawkins, Lambert, Atherton, Coffin A L Merrill, secretary, Auburn, Me.

Jan. 5-9—Danville, Ill Frank B Smith, sec

Jan. 5-8—Grand Rapids, Mich Judges, Tucker and Sites F A Votey, secretary

Jan. 5-10—Kansas City, Mo C S Hunting, secretary, 3817 E 13th Street

Jan. 5-9—St Albans, Vt Judges, Rapp and Northrop H M Barret, secretary

Jan. 6-8—Adams, Mass Judge, Ballou A W Safford, secretary

Jan. 6-9—Waxahachie, Tex C T Spaulding secretary

Jan. 6-9—Tiffin, O Judge, Hewes V Crabtree, secretary

Jan. 6-9—Austin, Minn Judge, Holden Frank Cronon, secretary

Jan. 7-9—Clarksburg, W Va Judge, Ellisen H D Correll, sec, Morgantown, W Va

Jan. 10-14—Topeka, Kas Judges, Rhodes, Russell, Savage J W F Hughes, secretary

Jan. 11-16—Cedar Rapids, Ia Judges, McClave, Shanklin and Warnock. A J Smith, secretary

Jan. 11-16—Kenosha, Wis Judge, Ellison, J L Pofahl, secretary

Jan. 11-15—Charleston, Ill Judge, Rapp C L Carney, secretary

Jan. 11-17—Watertown, Wis H A Holdridge, secretary

Jan. 12-14—Fort Worth, Tex J M Jones secretary

Jan. 12-15—Charlotte, N C Judge, Marshall W B Alexander, secretary

Jan. 12 15—Middletown, Conn Judges Card, Nichols W J Kieft, secretary

Jan. 12-14—Peterboro, N H Judges, Ballou, May W H Spaulding, secretary

Jan. 14-20—Lima, O T A Collins, sec

Jan. 13-17—Cincinnati, O Judges, Hewes, Orr, Shepard A E Brook, secretary

Jan. 13-19—Lockport, N Y Judge, Zimmer W G Walker, secretary

Jan. 13-15—Muskegan, Mich Judge, Tucker J A Babcock, secretary

Jan. 18-22—Auburn, N Y Judges, Quilbot, Shea, Crocker, Foxton Fred I Roe, sec

Jan. 18-22—Traverse City, Mich Judge, Lane J M Knight, secretary

Jan. 13-19—Minneapolis, Minn Judges, Butterfield, Lambert, Holden Geo A Loth, secretary, Box 28

Jan. 19-21—Salamanca, N Y Judge, Stillman J Mable, secretary.

Jan. 19-23—Boston, Mass Complete corps of judges as usual A R Sharp, sec, Taunton, Mass

Jan. 20-24—Angola, Ind; Judge, Tucker, C. C. Carlin, secretary.

Jan. 20-25—Painesville, O F G Johnson, secretary

Jan. 20-22—Nevada, Mo J R Buchanan, secretary

Jan. 20-23—Blackwell, Okla Geo M Casson, secretary

Jan. 21-25—East Palestine, O Judge, Lambert B S Gorby, secretary

Jan. 25-30—Chicago, Ill Complete corps of judges as usual F L Kimmey; secretary, 1213 Manhattan, Chicago

Jan. 26-29—Stamford, Conn W R Jessup, secretary

Jan. 27-30—Plymouth, Ind Judge, Carver Cary Cummings; secretary

Jan. 27-Feb 1—Clinton, Ia Judge, McClave W L McArthur, secretary

Jan. 25-30—Delavan, Wis Judges, Russel, Janson Seth W Gregory, secretary

Jan. 26-30—New Bedford, Mass Henry T Gridley, sec, North Dartmouth, Mass.

Jan. 26-30—Harrisburg, Pa J B Gore, sec, Royalton, Pa

Jan. 29-Feb 4—Rochester, N Y E N Walbridge, secretary

Feb. 1-4—Kalamazoo, Mich. Judge, Tucker J S Carr, secretary

Feb. 1-6—Canton, O Judge, Lambert C P Bruce, secretary

Feb. 2-6—Columbus, O W A Lott, secretary; Wooster, O

Feb. 2-6—Pontiac, Mich. Daniel Thomas, secretary.

Feb. 5-10—Norwalk, O. Judge, Tucker, T. P. Kellogg, secretary.

Feb. 8-12—Sagmaw, Mich Judge, Tucker J H Ashton, secretary

Feb. 8-14—Indianapolis, Ind Judges, Hewes, Pierce, Lane, Myers, Stoner, Jones C R Millhous, secretary, 2133 S Meridian street

Feb. 8-13—Syracuse, N Y D M Green, sec,

Feb. 11-13—Cambridge, O Judge, Orr Jas G Ford, secretary

Spanish Adventurers

in the days of Cortez risked their lives in the search for GOLD in OLD MEXICO, and the hardy Prospector today is suffering untold hardships, searching perhaps for years, for one of those rich bodies of ore which he knows are scattered all through the rugged portions of that romantic country. One day his pick turns up a lump of ore sparkling with gold. "Eureka! Success!" he cries—a fortune at his feet! **PUT HE MUST SHARE IT WITH OTHERS**—others who alert to grasp the opportunities of life—are to become shareholders in the Company which must be formed to provide the money and brains to develop the mine. Such a Company is the United States Smelting Company who own

MEXICO



THE GUADALUPE MINE

Situated In Sonora, Mexico.

The prospecting has been done—assays have been made—mining experts and engineers of the highest standing have made their reports, and over 600 feet of work in shafts and cross-cuts have proven that they are into enormous body of rich ore, which begins at the grass roots and increases in richness as depth is attained.

THIS IS A MINE, NOT A PROSPECT.

The Guadalupe Mine immediately adjoins the great LOS COCHES MINE and is on the same vein. Mr. Chas. Schafer, Superintendent of the Guadalupe Mine, formerly with the MINAS PRIETAS (one of the richest mines in the world—has paid \$60,000,000 in dividends), says: "No. 1 shaft (Guadalupe) will beat the Minas Prietas because they have no chute of ore 500 feet on the ledge without a break, and I believe No. 1 has over 1,000 feet continuous."

The shares of the United States Smelting Co. are fully paid and non-assessable. All of the shares were put in the Treasury, and the Company offers a block of stock at the opening price of

FIVE CENTS PER SHARE,

for the purpose of securing funds with which to prosecute the work of development and install a Reduction Plant.

They own the property clear of incumbrance and are actively pushing the work with funds now in the Treasury.

The standing of the officers and directors of Company is of the very highest, an assurance that its affairs will be managed intelligently and successfully.

The Chicago Security & Trust Co. is Depository for the U S Smelting Co., and has charge of the issuance of its stock. They sent their representative to Mexico and they GUARANTEE the statements made in the Company's prospectus. **THIS TRUST COMPANY ADVISES THE PURCHASE OF THIS STOCK AS AN INVESTMENT.** The officers of the Trust Co. have purchased stock and if it is a good investment for them, why not for you, even if you do not invest as large an amount? Every share of your stock will be worth as much as any one share held by them. *A moderate investment now gives promise of a fortune.*

The "GUADALUPE" Mine

Sonora, Mexico

owned by

THE UNITED STATES SMELTING COMPANY

Five hundred shares cost \$25; 1,000 shares cost \$50; 5,000 shares cost \$250; 10,000 shares cost \$500.

No Subscription accepted for less than 500 shares. By paying an additional 10 per cent, stock can be purchased in ten equal monthly payments. *The price of the stock will soon be advanced.*

Send for a copy of the Company's prospectus, and make your subscriptions payable to the undersigned, who is personal representative of the Company for the sale of their Treasury shares. Address

**W. S. DORLAND, Investment securities,
Stock Exchange Building, Chicago, Ill.**

Stop up the Cracks.

If the poultry-house is open and the walls are cracks or knot-holes, tack pieces of tin over the openings, so as to keep the drafts of air out. It is the small holes that cause the roup in a flock. While it is not desirable to have an overhead or full draft, yet

it is worse for the flock when a tiny hole permits a small stream of air to flow in constantly on the hens. If the walls are made secure with heavy paper—even old newspapers or ordinary brown wrapping paper will be better than none—they will be warm in cold weather and secure from damp drafts. Do not be afraid that the hens will

not have enough fresh air. The great difficulty in winter is that they get too much of it. You cannot keep it out if your best endeavors were made in that direction, for the wind will creep in somewhere. A pot of paste, a lot of paper and a dry, clear day for the work will make a great difference in the poultry-house.

American Poultry Farm.

Our Matings still produce the Winners, and win the Prizes for our Patrons.

We are giving our friends and patrons the benefit of our 29 Years' Experience in Mating and Breeding. We make a specialty of

Barred and White Plymouth Rocks, Silver and White Wyandottes, White and Brown Leghorns, Bronze Turkeys, Bantams, and Pearl Guineas.

HERE IS A GOOD RECORD.

What our patrons say:

January 3d.—The two Barred Plymouth Rock Cockerels you sold my friend, scored 93 and 94 by B. N. Pierce. I have changed my mind and want to know what you will send me a cockerel breeder for. The youngest cocker I had the finest hackle I ever saw, and also clear yellow legs, nice comb and a strong bay eye. They were well barred to the skin, let me know soon. Yours truly,

A. N. HILLS.

UNIVERSITY PLACE, NEB., Feb. 17, 1901.

F. M. MUNGER, De Kalb, Ill.

Dear Sir:—I bought some eggs of you some years ago, I like the stock better than from any I have been able to get since. Please send me catalogue and prices. Yours truly,

W. H. INGRAHAM.

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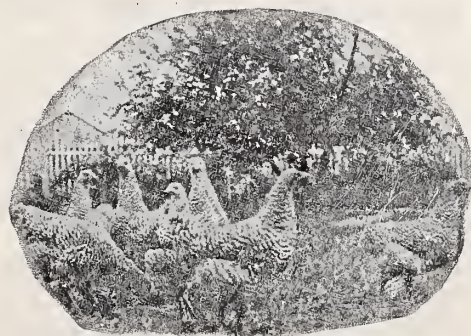
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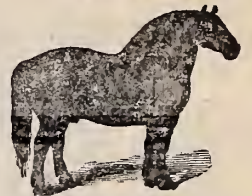
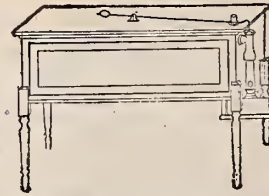
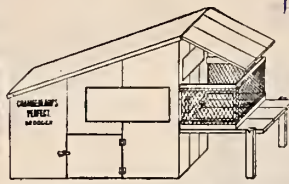
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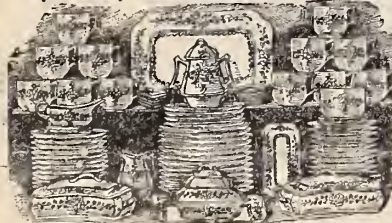
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